

ILLINOIS

WEATHER & CROPS



ILLINOIS COOPERATIVE CROP REPORTING SERVICE

Illinois Department of Agriculture
Economics, Statistics &
Cooperatives Service-USDA
Box 429 Springfield, Illinois 62705
Phone: (217) 782-4898

Released: September 8, 1980, 3 P.M., CDT **DOC, NOAA, NATIONAL WEATHER SERVICE**

CROP HI-LITES

*** Soybeans - 43% turning yellow
20% shedding leaves
2% harvested

*** Corn - 94% dented
60% mature
2% harvested

*** Soil Moisture - 21% short
67% adequate
12% surplus

CORN was 94% dented as of Sunday, September 7. This compares to 74% last year and a 5-year average (1975-79) of 85%. Sixty percent of the crop was mature (safe from frost) compared to 25% last year and an average of 54%. Two percent of the crop was harvested compared to none last year and 1% the average. Corn condition on Friday, September 5, was reported as 6% excellent, 25% good, 52% fair, and 17% poor. A few reports of down corn due to weak stalks and wind were noted. Some growers plan to harvest earlier than normal to minimize harvest losses due to this problem.

SOYBEANS were 43% turning yellow on September 7 compared to 29% in 1979 and the average of 51%. Twenty percent of the beans were shedding leaves compared to 8% last year and an average of 21%. Two percent of the crop was harvested compared to none last year and an average of 1%. Crop condition on September 5 was reported as 6% excellent, 44% good, 45% fair, and 5% poor. A few reports of soybean beetle damage were noted. Some of the worst fields in the West-Southwest district were being sprayed to minimize insect damage.

Seventy percent of the WHEAT acreage was plowed on September 7 compared to 63% last year and an average of 72%.

The third cutting of ALFALFA HAY was 77% complete compared to 72% last year and 76% for the average on September 7. Alfalfa condition on September 5 was reported as 8% excellent, 52% good, 36% fair, and 4% poor.

PASTURE conditions on September 5 were reported as 6% excellent, 46% good, 31% fair, and 17% poor, an improvement over a week earlier.

SOIL MOISTURE on September 5 was reported as 21% short, 67% adequate, and 12% surplus.

There was an average of 4.00 DAYS SUITABLE for FIELDWORK for the week ending September 5.

MOTOR FUEL SUPPLIES for agricultural uses were generally adequate throughout the state.

MAIN ACTIVITIES for the week included haying, tilling wheat stubble, getting ready for fall grain harvest, cutting silage, and general farmwork.

WEATHER

TEMPERATURES for the period September 1-7 averaged 3 to 7 degrees above normal. The largest departures were noted in the southern third of the State.

PRECIPITATION ranged from about a half-inch to more than 4 inches. The rainfall was well-scattered throughout the week. The largest amounts occurred in the northern half of the State very late in the week.

The OUTLOOK for the period September 9-14 is for below normal temperatures through the 12th then above normal temperatures. Precipitation is for below normal throughout the entire period in Illinois.

ILLINOIS CROP REPORTING DISTRICT SUMMARY

Crop and Soil Characteristics	NW	NE	W	C	E	WSW	ESE	SW	SE	STATE	5-YR. AVG.
Corn: Percent											
dented (Sept. 7)	90	90	95	95	95	95	98	96	95	94	85
Soybeans: % turning yellow (Sept. 7)	30	30	40	45	55	40	50	35	40	43	51
Alfalfa: % 3rd crop cut (Sept. 7)	65	75	80	75	85	90	90	95	93	77	76
Days Suitable for fieldwork: (week ending Sept. 5)	3.0	3.5	3.0	3.5	3.5	4.5	3.5	5.5	6.5	4.00	
Soil Moisture %:											
of Sept. 5) Short	--	--	--	5	25	30	25	40	100	21	
Adequate	75	75	55	95	75	70	75	55	--	67	
Surplus	25	25	45	--	--	--	--	5	--	12	

OFFICIAL BUSINESS

AGR-101



Illinois Weather & Crops
September 8, 1980

ILLINOIS WEATHER

MONTHLY AND WEEKLY TEMPERATURE DEPARTURES IN DEGREES

	June	July	July 28- Aug. 3	Aug. 4- 10	Aug. 11- 17	Aug. 18- 24	Aug. 25- 31	Sep. 1-7
Chicago	-6	+4	+1	+8	-3	+5	+10	+5
Moline	-2	+5	+1	+5	-2	+3	+5	+4
Springfield	-1	+3	+4	+8	+2	+2	+8	+3
So. Central	-1	+6	+5	+9	+4	+1	+5	+6

STATION	September 5			September 8		
	Temperatures	Maxi-	Mini-	Growing Degree Days*	Current: 3-year	Totals: 1979 : 1980
	Week ending Fri. 6 A.M.	Week ending Fri. 6 A.M.	Week ending Mon. 6 A.M.	Week ending Mon. 6 A.M.	Week ending Mon. 6 A.M.	Week ending Mon. 6 A.M.
	mum: mum: age	mum: mum: age	mum: mum: age	mum: mum: age	mum: mum: age	mum: mum: age
Dubuque, IA:	--	--	--	141	2,419	2,277 2,807
Moline	: 90	: 60	: 74	: 162	: 2,933	: 2,772 2,973
Rockford	: 89	: 51	: 72	: 139	: 2,708	: 2,493 2,679
Chicago O'Hare	: 92	: 55	: 75	: 161	: 2,845	: 2,605 2,720
Quincy	: 92	: 64	: 79	: 191	: 3,135	: 3,021 3,348
Decatur	: 85	: 57	: 73	: 166	: 3,072	: 2,899 3,108
Peoria	: 89	: 64	: 75	: 177	: 2,940	: 2,749 3,006
Springfield	: 92	: 60	: 76	: 169	: 3,162	: 2,967 3,247
Cairo	: 94	: 70	: 81	: 193	: 3,574	: 3,350 3,566
St. Louis	: --	: --	: --	: 196	: 3,436	: 3,365 3,606

* Totals are accumulated from April 1.

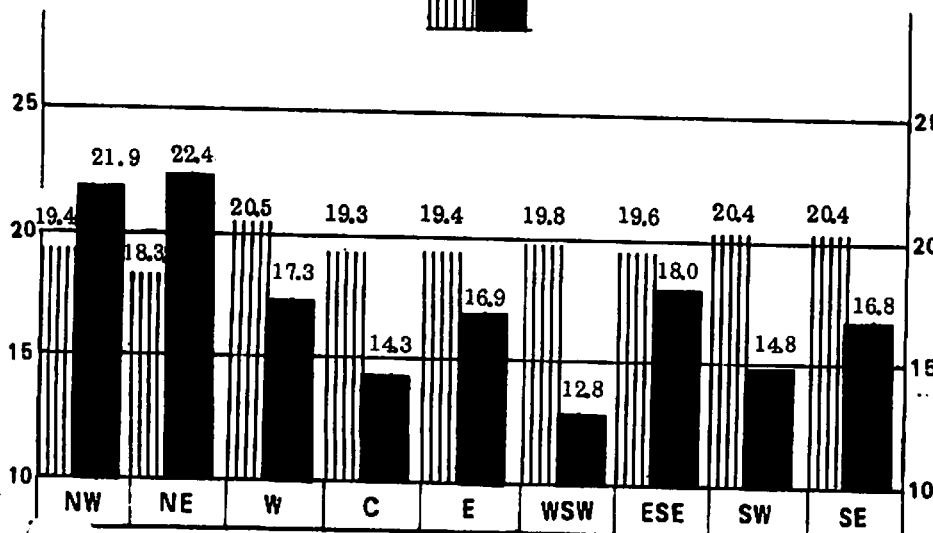
Growing degree days(GDD's) are calculated by subtracting a 50-degree (F) base temperature from the average of the maximum and minimum temperatures for the day. The daily maximum temperature is limited to 86 degrees (F) and daily minimum to 32 degrees (F). Thus, if the mean temperature for the day is 60 degrees, then 25 GDD's will have been accumulated.

ACCUMULATED PRECIPITATION (Inches)

LEGEND: Normal | Actual

Apr. 1-Aug. 31

Apr. 1-Sept. 4



Printed by authority of the State of Illinois 9/8/80, 4,350, 0-58

PRECIPITATION:

First figure--current week, 8/29-9/4
Parentheses--previous week
Asterisk--Friday-Sunday
M--Missing. T--Trace.

